

California Schools

**April
1948**

CALIFORNIA SCHOOLS

Vol. XIX, No. 4
APRIL, 1948

ROY E. SIMPSON

Superintendent of Public Instruction

EDITOR:

IVAN R. WATERMAN

Chief, Bureau of Textbooks and Publications

Official Publication Issued
Monthly by the California
State Department of Education

Entered as second-class matter May 8,
1930, at the Post Office at Sacramento,
California, under the Act of August 24,
1912.



CONTENTS

	Page
Report on the Survey of the Needs of California in Higher Education.....	81
Recent Activities of the State Educational Agency for Surplus Property.....	90
Driver Instruction in California High Schools.....	93
Departmental Communications	95
For Your Information.....	96
Professional Literature	101
Directory, California State Department of Education.....	103

REPORT ON THE SURVEY OF THE NEEDS OF CALIFORNIA IN HIGHER EDUCATION

AUBREY A. DOUGLASS, Associate Superintendent of Public Instruction; and
Chief, Division of State Colleges and Teacher Education

The California Legislature in its 1947 General Session authorized a survey of present and future needs of the State for education above the high school. A committee to conduct the survey was appointed by Roy E. Simpson, Superintendent of Public Instruction, and Robert G. Sproul, President of the University of California. Committee members are: Monroe E. Deutsch, Provost and Vice President Emeritus, University of California; Aubrey A. Douglass, Associate Superintendent of Public Instruction, State Department of Education; George D. Strayer, Professor Emeritus and formerly Director, Division of Field Studies, Institute of Educational Research, Teachers College, Columbia University, Chairman. Members of a Legislative Interim Committee appointed to meet and advise with members of the Survey Committee are: Senator Earl D. Desmond, Sacramento County; Senator Hugh M. Burns, Fresno County; Assemblyman Ralph C. Dills, District 69, Compton, Los Angeles County; Assemblywoman Kathryn T. Niehouse, District 79, San Diego.¹

The report of the Survey Committee was submitted to a Liaison Committee of the Regents of the University and the State Board of Education at Los Angeles on February 16, 1948. At subsequent meetings the State Board of Education approved the recommendations contained in the report, and the Regents of the University approved all recommendations except one concerning subsistence scholarships and fellowships on which they took no action.

The report was submitted to both houses of the State Legislature on Tuesday, March 2, 1948.²

A digest of the report, prepared by the committee, has been published³ and the full text of the report is now in the process of publication. It is expected that copies of both will be distributed during the month of April to officials of California public school districts and other persons interested in the problems of higher education. The excerpts of the committee's recommendations which follow here have been selected

¹ See "Survey of Higher Education," *California Schools*, XVIII (October, 1947), p. 217; and "Staff and Plans for Survey of Higher Education," *California Schools*, XVIII (December, 1947), p. 282.

² "Report of a Survey of the Needs of California in Higher Education." Submitted to the Liaison Committee of the Regents of the University of California and the State Department of Education. Sacramento: Committee for the Survey of the Needs of California in Higher Education [Library and Courts Building], March 1, 1948. Pp. 176 (mimeographed).

³ *Digest of a Report of a Survey of the Needs of California in Higher Education*. Sacramento: Committee for the Survey of the Needs of California in Higher Education [Library and Courts Building], March 1, 1948. Pp. viii + 36.

and are printed for the information of school officials pending the distribution of the complete report.

To conduct extensive studies of population trends in California, the committee divided the state into ten areas, and examined carefully the needs for higher education facilities in those areas.

The regions studied by the committee, together with the estimated college-age population of each region in 1950, 1960, and 1965, are as follows:

Sacramento Area: Alpine, Amador, Calaveras, Colusa, El Dorado, Mono, Nevada, Placer, Sacramento, San Joaquin, Sierra, Solano (less Vallejo and Benicia townships), Stanislaus, Sutter, Tuolumne, Yolo, and Yuba counties. Estimated college-age population: 44,200 in 1950; 68,700 in 1960; 85,000 in 1965.

Northeast Area: Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, and Tehama counties. Estimated college-age population: 10,850 in 1950; 14,350 in 1960; 17,200 in 1965.

Northwest Area: Del Norte, Humboldt, and Trinity counties. Estimated college-age population: 3,650 in 1950; 4,450 in 1960; 5,250 in 1965.

San Francisco-Oakland Area: Contra Costa, Lake, Marin, Mendocino, Napa, San Francisco, and Sonoma counties, and the cities of Alameda, Oakland, San Leandro, Berkeley, and Vallejo and Benicia townships. Estimated college-age population: 114,250 in 1950; 160,600 in 1960; 190,000 in 1965.

Peninsula-San Jose Area: Alameda (less the cities of Alameda, Berkeley, Oakland, San Leandro), Monterey, San Benito, San Mateo, Santa Clara, and Santa Cruz counties. Estimated college-age population: 43,650 in 1950; 70,750 in 1960; 89,100 in 1965.

Fresno Area: Fresno, Inyo, Kern, Kings, Madera, Mariposa, Merced, Tulare counties. Estimated college-age population: 46,150 in 1950; 73,150 in 1960; 92,800 in 1965.

Santa Barbara Area: San Luis Obispo, Santa Barbara, and Ventura counties. Estimated college-age population: 13,500 in 1950; 20,250 in 1960; 25,150 in 1965.

Los Angeles-Orange Area: Los Angeles and Orange counties. Estimated college-age population: 228,450 in 1950; 347,700 in 1960; 417,500 in 1965.

San Diego Area: San Diego and Imperial counties. Estimated college-age population: 30,350 in 1950; 44,700 in 1960; 54,400 in 1965.

Riverside-San Bernardino Area: Riverside and San Bernardino counties. Estimated college-age population: 24,100 in 1950; 39,650 in 1960; 49,450 in 1965.

ANTICIPATED ENROLLMENTS

The Committee's statement as to the percentages of the 18-to-20-year-old group that may be expected to enroll in higher education is as follows:

The number of college-age youth who attend school must be estimated on the basis of past attendance. California's past attendance shows that from 1931 to 1942 over twenty per cent of the college-age groups were enrolled in institutions of higher education. Just prior to World War II a quarter of the college-age youth were in attendance in college or university. . . .

It is generally assumed by educators that the years ahead will probably see a larger percentage of youth securing higher education. This opinion is based upon such factors as the steady rise in college attendance between the two great wars, the provision of higher education in local institutions, notably the junior colleges, the provision of a greater variety of curricular offerings, the general acceptance of the value of higher education, and the possible subsidizing of worthy students by the State or the Nation.

The Committee stated that the recently published report of President Truman's Commission on Higher Education

has established a national attendance goal of a minimum of 4,600,000 youth between 18 and 21 years of age by 1960. Should this objective be reached, and should California's share of this national total be the same as it was in 1939-1940, nearly 370,000 youths 18 to 21 will be enrolled in California's institutions of higher education.

The Committee also quoted studies of student population in the state in which a total of 227,976 students were anticipated by 1960, and 277,087 students were anticipated by 1965. These were designated "medium estimates."

RECOMMENDATIONS FOR THE EXPANSION OF HIGHER EDUCATION FACILITIES

Excerpts follow from the Committee's recommendations for the expansion of higher education facilities:

1. Junior Colleges

Junior college opportunities are not now available in all parts of the State of California although this type of institution has had its largest development in this state. There are areas, some of which have large populations, in which junior colleges have not been established. The most notable area in this respect is the East Bay section including Alameda and Contra Costa counties. Merced County, Kings County, and Tehama and Shasta counties together are expected to have sufficient student populations by 1960 to require the establishment of junior colleges. These communities should share the responsibility of providing higher education as certainly as do the 55 communities which have already established junior colleges. In establishing new junior colleges, care must be exercised to be sure that a minimum enrollment of 400 students will attend. Large junior college districts adjacent to territory lacking this type of institution should consider the construction of dormitories for out-of-district students and the State should recognize the service by adding a provision to the junior college equalization fund to meet this expense.

Proposals have been made to expand certain junior colleges by adding to their present offering an upper division to include the third and fourth college years, to be supported by the State. The Survey Committee unanimously disapproved of this type of expansion of junior colleges. The unique function of the junior college is to provide semi-professional and vocational education. It is the judgment of the Survey Committee that if junior colleges were to be expanded to four-year institutions they would inevitably follow the four-year pattern and neglect the work which is one of their primary purposes. In short, we should have standard four-year colleges replacing existing junior colleges. It is interesting to note in this connection

that San Diego State College, which formerly carried the work of a junior college, has given up this phase of its program. The junior college is now conducted by the City of San Diego. It is the judgment of all concerned that the two programs have been improved by this separation. The Survey Committee also recommends that San Jose and Fresno state colleges discontinue their junior college division. . . .

Obviously, the State of California could not bear the expense of 55 four-year institutions in addition to the existing state colleges and the divisions of the University of California. It would certainly so dilute higher education that instead of California taking pride in their institutions of higher learning, these would sink to the level of the weakest states in the quality of their educational opportunities.

The question of administration and control is a serious problem. Should such an institution, the lower half supported by the community and the upper half by the State, be run wholly as a local institution (as, indeed, has been sought in at least one of the two instances which have arisen), or wholly as a State institution, or should it present the strange anomaly of being a two-headed institution? Certainly it would seem absurd that the State should contribute all the funds for the upper division and yet have no control of this section of the institution. On the other hand, the community would naturally object to surrendering control entirely to the State while the local community pays the cost of the lower division. And a two-headed institution in which all details of curricula, appointments, etc., would have to be worked out by two groups of officials is administratively unthinkable.

For the reasons given, therefore, we unanimously and heartily object to the expansion of any junior college to a four-year institution.

2. California State Colleges

The California state colleges have for many years been serving as regional colleges, first as teacher-training institutions and for a number of years with an extended program to meet the needs of the area in which each was located. The establishment of additional state colleges in areas where the student population justifies new institutions is in harmony with a well established feature of the State's program of higher education.

The data on present and estimated population, probable student population, and the capacities of existing institutions has led the Survey Committee to the conclusion that four-year institutions are justified, both in Sacramento and Los Angeles.

. . . . It is estimated that the population of the Sacramento area of 17 counties will be 1,126,500 in 1960, and 1,250,000 in 1965, with potential student populations of 18,562 in 1960 and 22,950 in 1965. With the expansion of the Davis campus to care for approximately twice the number of students now enrolled, the existing colleges would care for only 13,000. These facts justify the creation of a State College in Sacramento. It should be noted, moreover, that such action has been voted by the Legislature; the Committee was instructed to deal with the form of organization. It is recommended that the new Sacramento State College have an initial student capacity of 2500, and that it be controlled by the State Department of Education as is true of other state colleges.

The Los Angeles situation is striking. The Survey Committee visited the junior college, which is now crowded by 10,000 students. The creation of a four-year State College in Los Angeles, which was also voted by the Legislature, would mean that in this great expanse of population there would be three publicly supported colleges—The University of California at Los Angeles, and Los Angeles City College (a junior

college), and the new Los Angeles State College. This would be comparable to the situation in the Bay Area in which there are the Junior College in San Francisco, the State College in San Francisco, and the University across the Bay. . . . The Los Angeles-Orange County area, according to estimates, will have a population of 5,700,000 in 1960 and 6,140,000 in 1965, and a student population for these years of 93,879 and 112,725 respectively. If the facilities of the University of California at Los Angeles are increased to care for 20,000 students and the junior colleges and private colleges expand as they have indicated, the total capacity of the area will be 93,000 students. With the number of students from outside who come into the area, there is need for a State College in the Los Angeles metropolitan area and an additional State College in the southeastern section of the county.

It is recommended that a State College be established in the Los Angeles metropolitan area, to be administered by the State Department of Education and with an initial capacity of 5000 students.

The area which includes southeast Los Angeles County and Orange County had a population of 1,057,552 on December 31, 1947, as estimated by the Los Angeles County Regional Planning Commission. By 1960 the population of the area will reach 1,500,000 and by 1965 it will be 1,750,000. . . .

. . . . It is recommended that a State College be established in (the area including southeast Los Angeles County and Orange County) with an initial student capacity of 3000 students.

. . . . The Northeast area will have a population of 253,000 in 1965. . . . The Chico State College with a proposed capacity of 2000 students, together with the junior college at Susanville and the new junior college authorized at Redding, may be expanded to care for the estimated 4,644 students in 1965.

. . . . The Northwest area will have an estimated population of 77,000 in 1965 with 1418 students. It would be unwise to divide this student group and they may all be cared for satisfactorily at the Humboldt State College, with its proposed capacity of 1000 students.

. . . . The important need in [the East Bay Area] has already been given as the development of junior colleges. These new institutions, together with the existing junior colleges of the area, the Berkeley and San Francisco campuses of the University, and the San Francisco State College will accommodate the 43,362 students of 1960 when the San Francisco State College is provided with a new campus with a capacity of 5000 students.

The San Jose area will have an estimated population of 1,160,000 in 1960 and 1,310,000 in 1965. The planned capacity of the San Jose State College, 5000 to 6000, together with that of the junior colleges and the private colleges in the area will accommodate 21,579 students, compared to the estimate of 19,103 students in 1960. The San Jose Unified School District should provide facilities for its junior college students. These additional facilities will be required to care for the estimate of 24,057 students in 1965.

Attention has already been called to the possible need for additional junior colleges in the Fresno area. . . . When the new campus to care for 5000 students is provided for the Fresno State College, the total capacity of the area will be 10,735 compared to the estimated 19,751 students who will live in the area in 1960. The Fresno city schools should house the Fresno Junior College in a new plant or in existing units. In the past, many students of this area have migrated to other areas

for their college work. The experience of the next few years will determine the needs beyond 1960.

. . . . The two four-year institutions (in Santa Barbara and San Luis Obispo) with the junior colleges of the area, have a planned capacity of 8,032 students for 1960. The estimated student population will be 5,468 on that date and 6,790 in 1965. Inasmuch as both the Santa Barbara Campus of the University, proposed capacity 3000 to 3500, and the California State Polytechnic College, proposed capacity 2700, are state-wide institutions, students will come into the area to use the planned capacity.

. . . . The San Diego area will have an estimated population of 800,000 in 1965 and a student population of 14,688 that same year. There is need to increase the capacity of the San Diego State College to 5000 students as soon as possible. With this increase, the total planned student capacity of the area will be 7,530, which is less than the estimated student population of 9,798 in 1950. The San Diego Junior College now has a comparatively small enrollment. The provision of adequate facilities should make possible the rapid increase of its enrollment to meet the need which exists in the City of San Diego. Many students have been attending higher institutions in other areas. It does not appear that any additional institutions of college grade are required in this area in the next ten years.

The analysis for the estimated population and the number and capacities of existing institutions in the other areas of the state, except the Riverside-San Bernardino area, indicate that there is no need in these areas for the establishment of additional state colleges or campuses of the University of California at the present time or during the next fifteen years.⁴

3. *The University of California*

The total enrollment of the University of California in all its levels of work and on all its campuses amounted, in 1947-48, to approximately 43,000 students, exclusive of the extension students. . . . The growth in population that California may expect and the increasing demands of society . . . will result in a positive increase in the number that will seek the types of education described as the unique function of the University. It is entirely probable that the distribution of the total student body will be quite different with respect to the percentages enrolled in lower division, upper division, graduate, and professional work, and that the faculty and staff of the University will also be devoting itself in larger proportions to graduate work and research than is the case at present. . . . It is clear that increased population and the larger role that will be played in the future in our economic and social processes by highly trained specialists will bring increased demands for the types of educational services provided by the University and will make it necessary to expand the University's facilities for professional work and for upper division and graduate work not directly associated with the professional fields—in business administration, government, education, and agriculture, as well as in the more strictly academic fields. It is likely that the University of California will have to assume responsibility for a very large proportion of the increased need for professional practitioners. It is not anticipated that private universities will, in the immediate future, greatly expand their educational service in these areas.

The Committee recommends attention to expansion of University facilities for professional training in: Architecture, dentistry, law, medi-

⁴ See page 87, "University Campuses," for the Committee's recommendations with respect to the Riverside-San Bernardino area.

cine, engineering, pharmacy, optometry, and in such fields as veterinary medicine, librarianship, journalism, and social welfare.

Recommendations regarding the various campuses of the State University follow:

University Campuses. It seems to be somewhat generally agreed that, from the standpoint of the total number of students accommodated on the Berkeley campus, the current attendance of approximately 22,500 students exceeds the desirable maximum by at least 2,500. This does not mean that the facilities of plant and staff at Berkeley have attained their desirable or maximum development. Still further development of both is desirable in order to provide adequately for 20,000 students.

. . . . At Los Angeles, the present enrollment is slightly in excess of 14,000. Part of the necessary and desirable expansion of the University will take place on this campus. The maximum estimate of desirable size for the Los Angeles Campus submitted to the Survey Committee was approximately 20,000, thus providing for an increase of approximately 6000 on that campus. A considerable portion of this expansion will, according to present plans, be in the professions and graduate work.

Currently the enrollment on the Santa Barbara Campus is slightly over 2600. The new campus is apparently planned to accommodate approximately 3000 to 3500 students, an increase of from 400 to 900. Since this unit of the University is to be developed primarily in the highly selective and scholarly undergraduate work of the University, it will provide to some degree for the anticipated increased demand for lower and upper division work appropriate to the central function of the University.

There is need for the development of a four-year institution of higher education in the Riverside-San Bernardino area. It is estimated that the present population of the area is 455,000. By 1960 it is estimated that there will be a population of 650,000, and in 1965 one of 727,000. This would indicate a student population of 8,323 in 1950. This shows a need for a public four-year institution with a student capacity of 1500 students. The Survey Committee recommends that a branch of the University be developed as a liberal arts college providing education appropriate to the unique functions of the University. This unit of the University would thus provide for approximately 1500 of the increased number of students that it is anticipated will desire the type of education provided by the University.

The enrollment at Davis was, in 1947-48, a little over 1800 chiefly in agriculture and its related sciences. The College of Veterinary Medicine at Davis will increase facilities and attendance by probably as much as 400 or 500. The Davis program may well be further developed to provide on that campus for approximately twice the present number of students accommodated. There have already been established on the Davis campus a considerable list of courses applicable to undergraduate work of University character in other fields than agriculture. The population of the area should, by 1960, furnish a student body of something over 18,000. The private institutions in the area and the new State College established at Sacramento may be expected to take care of only 13,000. Expansion of the program of University offerings to provide for from 1550 to 1800 additional undergraduate liberal arts students on the Davis Campus would go far in meeting the demands of the area and would tend to relieve the Berkeley campus considerably.

OTHER RECOMMENDATIONS OF THE COMMITTEE

The Survey Committee presented other recommendations, several of which follow:

Award of the Master's Degree by the State Colleges. Under present restrictions of law the State Colleges are not permitted to grant the Master's Degree. It is recommended that the right to authorize the Master's Degree in the State Colleges be vested by law in the State Board of Education which should have power to grant this privilege to such of the State Colleges as, in its judgment, have adequate faculty, library, laboratories, and other facilities. The authorization by the State Board should in each instance be made specifically by subjects or fields of study after investigation and recommendation by the State Director of Education.

Subsistence Scholarships. It is proposed that the State of California establish subsistence scholarships for a very highly selected group of young people over the State who show outstanding ability, who have personal qualities and habits which justify the hope that they will take good advantage of such assistance, and who show to the satisfaction of those in charge of the administration of the system that they are actually in need of such financial assistance.

It is recommended that there be established 2000 such subsistence scholarships paying \$750 each per year, which may be used to attend any of the public higher institutions in California. Not more than 2000 such scholarships would be in effect at any one time. It would be the expectation that these would be distributed equally among the students in each of the four college years. The cost of the undergraduate scholarships would amount to \$1,500,000 annually. Renewal of a scholarship grant to an individual should be conditional upon his maintaining a superior record. It is recommended that the administration of these undergraduate subsistence scholarships be placed jointly in the hands of the Regents of the University and the State Department of Education, with authority to prescribe rules and to make selection of the scholars.

It is recommended further that 500 subsistence scholarships be granted by the State to the Regents of the University for use in the graduate and professional schools of the University. Each such scholarship would pay the student \$1000 annually and be awarded or renewed in accordance with conditions prescribed by the Regents.

Continuance of the Study. The act authorizing this study directed the State Department of Education and the Regents of the University to make a joint survey. It is believed that this pattern should be perpetuated in provisions for further study of the problems of co-ordination and co-operation in the public higher education system of the State. Among some of the problems which will need to be considered in the immediate future are those involving the development of the program of adult education, teacher education, education for social service, and business education. There should be a review from time to time of the need for the establishment of new branches of the University, new state colleges, and of further developments of the system of junior colleges. At least \$50,000 annually should be provided for this purpose.

FINANCIAL CONSIDERATIONS

In making its estimate of the costs of providing facilities for the higher education program recommended in the report, the Committee found that the University of California's postwar building program would provide most of the facilities needed on the university level, except the cost of expanding the Riverside Campus to accommodate a liberal arts student body of 1500. The total University of California postwar building program recommended is \$199,738,500. Of this total \$91,695,000 has been funded. An additional \$29,423,500 designated "supplementary" has been approved by the Regents of the University. An "additional requested program" which would provide most of the facilities specified as necessary by the committee totals \$73,870,000. Thus, the capital outlay required to effectuate the program recommended by the Survey Committee on the university level is almost entirely included within the University of California's postwar building program. The committee's only original request that adds to the capital outlay program is for \$4,750,000 for the expansion of facilities on the Riverside Campus.

The Committee's estimate of the capital outlay necessary to provide facilities recommended in the report for the state colleges totals \$75,-459,820. Capital expenditures required by the state colleges, according to a report of the State Director of Finance, based on January 1946 estimates adjusted to present-day increases in costs, totals \$29,305,095. This program has already been presented to the Legislature. The provision for new institutions and additional educational facilities to increase the capacity of state colleges as recommended in the report thus would be approximately \$45,000,000. The Committee recommended in addition that construction of dormitories for 15 per cent of the students in the state colleges be considered. The estimate given in the report of the cost to the state of providing such dormitory facilities is an additional \$30,-629,900.

It may be pointed out that the program of capital expenditures outlined by the Committee as necessary to realize its recommendations is designed for long-term planning, with many of the recommended constructions not to be completed before 1965. A considerable portion of the necessary construction has been funded, approved, or requested on the initiative of various agencies responsible for the construction programs of California public institutions of higher learning, before the Survey was contemplated. The expenditures of capital required in the immediate future to effectuate major recommendations of the Committee are those for the three new state colleges, two of which are already operating in temporary facilities, and the recommended new facilities, on the University of California campus at Riverside.

RECENT ACTIVITIES OF THE STATE EDUCATIONAL AGENCY FOR SURPLUS PROPERTY

NICHOLAS E. WYCKOFF, Public Information Officer,
State Department of Education

In January, 1948, Superintendent of Public Instruction Roy E. Simpson transmitted to Governor Earl Warren a report on the activities of the State Educational Agency for Surplus Property during the period July 1 to December 31, 1947. As summarized by Edwin K. Dole, Chief Surplus Property Agent, the total fair value of personal property distributed during that period amounted to \$3,257,959.34. This exceeded the total fair value of personal property distributed in the entire fiscal year 1946-1947 by nearly \$2000.00. The table printed below shows the types of commodities distributed by the three field divisions and the central office of the Agency.

FAIR VALUE OF PROPERTY DISTRIBUTED BY THE STATE EDUCATIONAL AGENCY FOR SURPLUS PROPERTY, July 1, 1947
to December 31, 1947

	<i>Los Angeles Division</i>	<i>Oakland Division</i>	<i>Sacramento Division</i>	<i>Central Office</i>	<i>Total</i>
Radio and Electronics _____	\$79,647.72	\$191,400.50	\$66,201.42	_____	\$337,249.64
Equipment over \$100 _____	431,649.90	413,828.50	523,595.00	_____	1,369,073.40
Equipment under \$100 and Miscellaneous Supplies..	421,988.55	304,253.92	231,945.09	_____	958,187.56
Food _____	112,050.80	234,982.83	68,909.90	\$66,755.21	482,698.74
Quonset Huts _____	_____	_____	_____	110,750.00	110,750.00
	\$1,045,336.97	\$1,144,465.75	\$890,651.41	\$177,505.21	\$3,257,959.34

During the same period, 373 buildings and 701.2 acres of land were obtained by educational institutions with the assistance of the U. S. Office of Education and the Agency. This real property had an acquisition cost to the Federal Government of \$4,521,817.25, and a fair value of \$859,-870.30. The cost to the schools of securing this property was \$45,585.47. During the entire preceding fiscal year 607 buildings and 728.8 acres of land were acquired.

The total distribution of real property to California educational institutions from the inception of the Agency in the summer of 1946 through the month of February 1948 has reached 1095 buildings and

1430 acres of land. The original acquisition cost of this property to the Federal Government was \$11,689,488. The fair value of the property was given by the Agency as \$2,195,445. The cost to schools was \$227,144.25. Approximately 23,000 pupils are attending classes in these converted buildings. Buildings not used for classrooms are serving as shops, storage space, garages, and for other purposes.

Mr. Dole reported to Mr. Simpson recently that November, 1947, was the best month in the history of this postwar agency set up by the Legislature in the State Department of Education to help schools secure military property for peacetime educational purposes.

During November, personal property with a fair value of \$785,876.06 was distributed from the central office of the Agency and from its three divisions at Los Angeles, Oakland, and Sacramento to educational institutions in the State.

The second best month so far reported by the Agency is January, 1948, when surplus personal property totalling \$763,684.60 was distributed to educational institutions in the State.

Outstanding examples of the Agency's service to educational institutions in securing surplus land and buildings have been the assistance rendered to Orange Coast Junior College district in securing a portion of the Santa Ana Army Air Base as a campus for this newly established public junior college; and the assistance rendered to Fresno State College in acquiring a portion of Hammer Field as a campus for the agricultural division of the college.

The original cost to the Army Air Forces of the Hammer Field land and buildings was \$1,169,050. It was given a fair value of \$484,544. The cost of the Santa Ana property was well above \$1,000,000. Both sites have been obtained for the colleges through the War Assets Administration for administrative costs only.

Under the Agency's own purchase and redistribution program, authorized by the Legislature, the Agency is able to secure a wide variety of materials in large quantities, and to offer them to schools in suitable quantities for individual institutions. The schools participating in the program pay only the cost of the items supplied, plus a small service and handling charge. A \$100,000 revolving fund was established for the program in the act, and this has enabled the Agency in November alone to report movement of surplus property totalling \$244,441.50. This total includes 75 quonset huts having a fair value of \$107,000. These were purchased, dismantled, and delivered on the premises of school districts in southern California by the Agency. The cost of these huts to the schools was \$40,125.

Property suitable for schools is secured by the Agency through various donation programs of the Army, Navy, Air Corps, and War Assets

Administration; the U. S. Department of Agriculture; and the Agency's purchase and redistribution program.

Property secured under the donation programs of the Armed Forces and War Assets Administration is classified as radio and electronics, capital goods (valued over \$100), hand-tools, and miscellaneous supplies. These items are especially helpful in equipping secondary schools for vocational education programs.

In securing large quantities of foods through the Department of Agriculture, the Agency has been able to assist school districts in keeping the prices of school lunches from rising prohibitively. Among the foods distributed are potatoes, dried milk, peanut butter, dried fruits, concentrated orange juice, grape fruit juice, tomato juice, canned tomatoes, American cheese, fresh winter pears, and dried whole eggs.

DRIVER INSTRUCTION IN CALIFORNIA HIGH SCHOOLS

EVERETT V. O'ROURKE, Consultant in Secondary Education,
Division of Instruction, State Department of Education

A questionnaire survey of 416 California high schools, which was completed in February, 1948, revealed the following information concerning driver education and driver training.

Responses indicate that 190 schools are offering driver education and 71 are scheduling driver training. This indicates a decrease of ten in the former and an increase of 36 in the latter as compared to the survey completed in the fall semester of 1945 and reported in the *California Journal of Secondary Education* in January, 1946.¹

There seems to be some misunderstanding concerning the definition of driver education and of driver training. According to generally accepted usage, *driver education* is instruction in the classroom, whereas *driver training* is instruction in the car and behind the wheel.

Answers to the question, "In what year or years do you offer the course?" indicate that 83 schools schedule the course for freshmen, 66 offer it for sophomores, 69 for juniors, and 81 for seniors. It appears to be customary to schedule the course for only one year. Some schools, however, offer the course for two years, and some for three years, while others have scheduled it for all four years as part of their safety program.

Many schools offer driver education and training as a unit in an already established course, but there is a trend toward establishment of a separate semester course.

Driver instruction is offered in approximately the same number of high schools in rural areas as in urban areas. This indicates that schools of various sizes find it possible to re-plan the curriculum to include driver education and training.

Responses to the request for statement of need for trained teachers indicated that teachers now in service may be interested in enrolling in the driver education and training workshops scheduled for the summer of 1948.

A special course entitled "Driver Education and Training in Secondary Schools" is already being offered at Berkeley through the engineering section of the University Extension, University of California. The course began on March 29 and will continue to meet weekly for 15 weeks, on Monday evenings from 7:30 to 9:30 in Room 105, Engineering Building. The instructor is S. Kirklen Collins, formerly a member of the traffic safety education staff of the State Department of Motor Vehicles.

¹ E. V. O'Rourke and M. K. Strasser, "Driver Education in High Schools," *California Journal of Secondary Education*, XXI (January, 1946), 54-57.

An in-service course for high school teachers, "Driver Education and Training—Education e375X" (30 hours, 2 semester units), began on April 1 at San Francisco State College. The purpose of the course is to familiarize high school teachers with the techniques, procedures, and materials for inaugurating and conducting Driver Education and to develop units of instruction. The instructor in charge is Joseph M. Galvin, of the faculty of James Denman Junior High School, San Francisco.

A seminar for curriculum co-ordinators and for instructors who will teach driver instruction in colleges will be held at the University of California, Los Angeles campus, from June 14 through 18.

A workshop will be conducted jointly by the Los Angeles public schools and the Office of the County Superintendent of Schools of Los Angeles County, at Los Angeles City College from June 21, 1948, through July 2. A workshop is scheduled at San Diego State College from August 2 through August 13. The University of California at Berkeley will offer workshop instruction from August 16 through August 27. San Jose State College is scheduling a summer session course from June 28 through August 6.

DEPARTMENTAL COMMUNICATIONS

OFFICE OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION

ROY E. SIMPSON, Superintendent

CONFERENCE ON TRADE AND INDUSTRIAL AND INDUSTRIAL ARTS EDUCATION AND TEACHER TRAINING

The Annual Conference on Trade and Industrial and Industrial Arts Education and Teacher Training has been called for the week April 12 to 15, 1948. It will be held in the Conference Room of the Regional Office of the Bureau of Trade and Industrial Education, at 2129 Grove Street, Oakland.

Supervisors, directors, and co-ordinators of trade and industrial and industrial arts education and teacher training have been invited to participate in the conference. The sessions will be devoted to presentation and discussion of trends in industrial education, trends in labor and industry, apprenticeship training, and many other topics involved in developing more efficient educational and teacher-training programs in industrial education.

ANNUAL STATE CONFERENCE ON INDUSTRIAL EDUCATION AND ANNUAL CONFERENCE OF CALIFORNIA INDUSTRIAL EDUCATION ASSOCIATION

The Annual Conference on Industrial Education is to be held jointly with the Annual Conference of the California Industrial Education Association on April 24, 1948, in San Jose. The meetings will be held in the Civic Auditorium.

School administrators; city, county, and district superintendents of schools; members of boards of education; and teacher trainers, supervisors, co-ordinators, and instructors in industrial education programs have been invited to participate in the meeting. The program has been planned carefully to meet the needs of leaders in educational fields. Leaders in labor, industry, and business, as well as leaders in education, of national as well as state reputation, are invited to attend and participate in the conferences. Their contributions to the program and the messages they will bring will be of great interest and benefit to those who will attend the conferences.

FOR YOUR INFORMATION

STATE BOARD OF EDUCATION ACTIONS

The following actions were taken by the State Board of Education at a special meeting held in Los Angeles, March 18, 1948.

Reorganization of Board. The California State Senate having confirmed on March 10 the reappointment by Governor Warren of Mrs. Margaret H. Strong, Fred W. Smith, and William L. Blair as members of the State Board of Education for terms ending January 15, 1952, and having confirmed, on the same date, the appointment of Raymond J. Arata of San Francisco as member of the State Board of Education for the unexpired term of Eugene T. Broderick, resigned, the Board reorganized in accordance with Education Code Section 104 and re-elected William L. Blair as president.

Amendments to Credential Regulations. The Board amended the heading and Sections 406, 407, 408, and 422 of Article 39 of Subchapter 2 of Chapter 1 of Title 5 of the California Administrative Code to read as follows, declaring the urgency thereof, to take effect immediately.

Article 39. Child Welfare and Supervision of Attendance Credential

406. An applicant for the child welfare and supervision of attendance credential shall comply with the procedure prescribed for application (Section 201) and shall have completed a program including the following minimum requirements:

(a) Possession of a valid California teacher's certificate, credential, or life diploma of general elementary or general secondary grade.

(b) Two years of successful teaching experience, or one year of successful teaching experience and one year of successful social service experience.

(c) A standard college course with a bachelor's degree, including:

(1) Six semester hours, or the equivalent, with emphasis upon laws relating to children, including the compulsory education law, child labor law, and other State and Federal laws relating to children; methods and procedures in child welfare and attendance, including practice in methods and procedures of social investigation related to the child in home, school, and community life.

(2) Nine semester hours, or the equivalent, distributed among at least three of the following subject groups:

A. Child development, including developmental psychology, child growth, and child development.

B. Sociology or social economics, including standards of living and budgeting, housing problems, recreation, treatment of delinquency, labor relations, social security, hours and wages, and child welfare services.

C. Guidance, including tests and measurements, vocation guidance, and occupation studies.

D. Field work with children.

E. Education of exceptional children.

407. The child welfare and supervision of attendance credential authorizes the holder to serve as a child welfare and supervision of attendance officer in any school district or under any county superintendent of schools.

408. The child welfare and supervision of attendance credential may be issued for a period to correspond to the term of the basic teaching credential held, except that when the basic credential is an unlimited credential or a life diploma, the initial child welfare and supervision of attendance credential may be issued for a period of five years and may be renewed for periods of five years in accordance with the provisions of Section 202.

422. The librarianship credential authorizes the holder to serve as a librarian and to teach librarianship in elementary and secondary schools.

EDUCATION CODE 1947

Attention of school administrators and school libraries in California is directed to the new (1947) edition of the Education Code of California, soon to be issued by the State Printer. The 1947 edition contains the changes in this code made by action of the Fifty-seventh Legislature (1947), and thus supersedes all previous editions of the Education Code or School Code.

The price of the volume is \$3.00, plus sales tax on California orders, postage prepaid. A discount of 10 per cent is allowed on orders of 50 or more books. Orders should be addressed direct to the California State Printing Division, Documents Section, 11th and O Streets, Sacramento 14, California.

ADDITIONS TO CALENDAR OF EDUCATIONAL MEETINGS

During 1947-48 a calendar of state-wide and regional meetings and conferences for educational personnel has been published from time to time in *California Schools*. Notices of the following events have been received since the March issue went to press.

<i>Date</i>	<i>Organization</i>	<i>Place</i>
April 12-15, 1948	Trade and Industrial and Industrial Arts Education and Teacher Training, Annual Conference	Oakland (change of place)
April 23-24	California Industrial Education Association, Annual Conference	San Jose
April 24-May 1	National Boys and Girls Week, 28th Annual Observance	National Observance
May 13-15	United Nations Educational, Scientific, and Cultural Organization (UNESCO), Pacific Regional Conference (Arizona, California, Idaho, Montana, Oregon, Washington, Hawaii, Alaska)	San Francisco

AID FOR SCHOOL BUILDERS

A volume entitled *You Want to Build a School?*¹ has been attracting considerable attention from school people and architects throughout the country. The authors are Charles W. Bursch, Assistant Division Chief in the Division of Public School Administration, State Department of Education, who has been in charge of the office of schoolhouse planning since 1933, and John L. Reid, a prominent California architect.

Following are excerpts from a review of this book by John E. Nichols, formerly Supervisor of School Buildings and Plans for the Connecticut State Department of Education, which appeared in the issue of *Progressive Architecture* for January, 1948.

The procedures to be followed in developing a long-range master plan for school housing and in initiating and carrying through an actual building project are often but vaguely understood by lay members of boards of education and building committees. The architect who designs a school building, who prepares contracts and supervises construction, is on familiar professional ground. He has in his files, or there is readily available to him, a wealth of material to aid him with special problems that may arise. The board or committee member, on the other hand, who is charged with responsibility for the administration of a building program, is more often than not undertaking the task for the first and only time in his life. His lot has been further complicated by a scarcity of informative material, in convenient form, to guide him through the maze of detail with which he must wrestle.

It is this void that the authors, Mr. Bursch and Mr. Reid, have set about to fill. That through their training and wide experience they are well qualified to do it is amply borne out by the success they have achieved. Although they cover their subject thoroughly and clearly, they manage to do it with a succinctness and singleness of purpose that is gratifying. Their scrupulous avoidance of such extraneous matters as philosophies of education and standards of design and construction adds to the effectiveness of the job they set out to do.

Following an orderly arrangement of material, the book opens with a section on the people, groups, officials, and agencies that enter into the planning and construction of a school building—their functions and their contributions. There follows then a description of the *things* that influence or affect building and planning procedure—regulatory laws, codes, bonds, and such instruments as plans, specifications, and contracts. Next in logical sequence is shown, step by step, how those people and agencies that have already been introduced, working with one another and with the instruments, laws, and codes that have been described, initiate and carry through the planning and construction of a school plant from the essential development of an over-all plan for future school plant growth to the completion of the building. Since, however, a completed building can be effective only through intelligent use, the authors follow through with a discussion of some of the problems and opportunities to be met in connection with the utilization of that new building.

Although the agencies, laws, and procedures described are specifically those of the State of California, the counterparts of those agencies and laws are to be found in many other states, while the principles behind the procedures are applicable any-

¹ Charles Wesley Bursch and John Lyon Reid, *You Want to Build a School?* New York: Reinhold Publishing Corporation, 1947. Pp. vi + 128.

where. As a consequence, the book will be a valuable asset to all boards of education and building committees, regardless of where they may be, as a reliable guide to a better understanding of the duties that are common to them all.

To the architect who undertakes the design and construction of school facilities—and especially to the one who does not possess a backlog of wide experience in this field—there is offered an understanding of the work and the problems of those boards and committees with which he must work in close and productive harmony.

NATIONAL BOYS AND GIRLS WEEK, APRIL 24 TO MAY 1

The annual celebration of National Boys and Girls Weeks draws the attention of the public to the potentialities and problems of youth, emphasizing the importance of the home, the church, and the school in the proper development of boys and girls. At the same time it gives impetus to year-round programs of character-building and citizenship, and acquaints the public with the youth organizations of the community which are serving these purposes.

The theme for the twenty-eighth annual observance, April 24 to May 1, 1948, is "Youth—Key to the Future." The program, day by day, is as follows:

Saturday, April 24—Citizenship Day
Sunday, April 25—Day in Churches
Monday, April 26—Day in Schools
Tuesday, April 27—Family Day
Wednesday, April 28—United Nations Day
Thursday, April 29—Careers Day
Friday, April 30—Day of Recognition
Saturday, May 1—Health and Recreation Day

A *Manual of Suggestions* containing detailed suggestions for carrying out the program, with posters and other aids, may be secured free upon request addressed to National Boys and Girls Week Committee for the United States, 35 East Wacker Drive, Chicago 1, Illinois.

VACANCY IN OKINAWA

The Superintendent of Public Instruction has been asked by the Department of the Army to give publicity to the fact that a qualified Director of Education is needed for duty with the Army in Okinawa.

Duties of this officer are described as including the setting up of policies and procedures for re-establishment of and functioning of an educational system in the Ryukyus Islands; direction and supervision of the administration and curriculums of universities, colleges and schools; responsibility for providing suitable buildings or shelters for housing needed schools; inspection of and recommendations for improvement of schools now operating; supervision of a staff for preparing text materials;

advising on policies for maintenance of a program of cultural affairs. The Army Headquarters in Okinawa has charge of educational programs for civilian employees, dependents, and the native population as well as military personnel.

Qualified persons are urged to communicate promptly with the Office of the Secretary of the Army, Overseas Affairs Branch, Room 1206, 3636 Beverly Boulevard, Los Angeles. The position carries a "P-5" classification, with base salary of \$5,905.20 to which 25 per cent will be added for overseas duty.

STUDY PACKET ON TURKEY

Director Ahmet Sukru Esmer of the Turkish Information Office, an agency of the Turkish Government, wishes to bring to the attention of teachers in the United States certain reference materials which have been assembled in a Study Packet for free distribution to groups undertaking a study of Turkey. Dr. Esmer states that factual information is being thus furnished for serious use "in the firm belief that better understanding and friendship grow out of knowledge."

The sample Study Packet contains a 32-page illustrated pamphlet on *Modern Turkey*; a 12-page reprint, in color, of an article, "Turkey, Key to the Near East," from the *International Review* of the International Telephone and Telegraph Corporation; and a pictorial map, 34 by 22 inches, showing the products of the country.

Packets may be secured by addressing Dr. Esmer at the Turkish Information Office, 444 East 52nd Street, New York 22, New York.

PROFESSIONAL LITERATURE

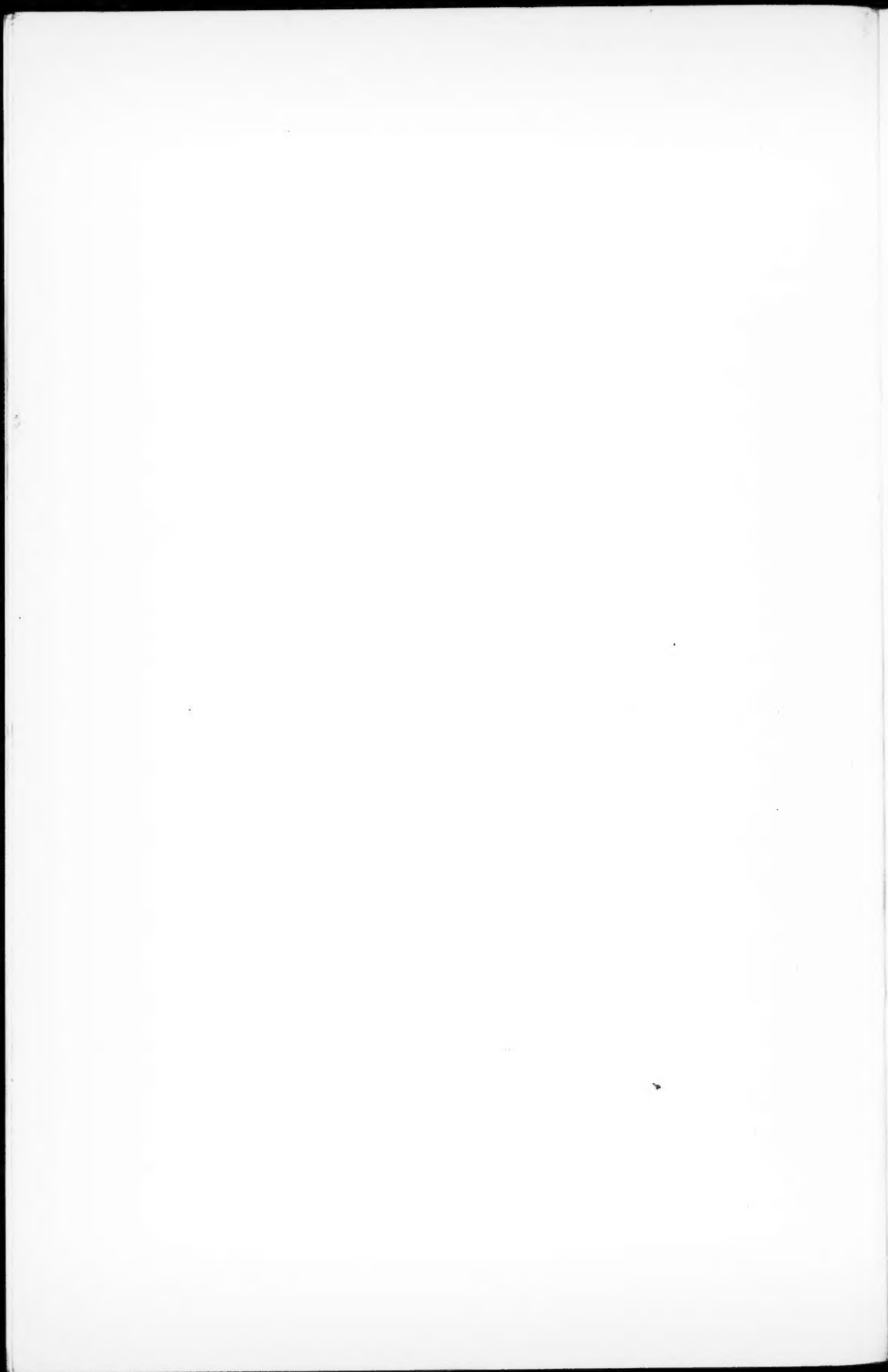
PUBLICATIONS RECEIVED

- AXLINE, VIRGINIA MAE. *Play Therapy: The Inner Dynamics of Childhood*. Boston: Houghton Mifflin Company, 1947. Pp. xii + 380.
- BENITEZ, JAIME. *Education and Democracy in Puerto Rico*. Address delivered at the 61st Annual Convention of the Middle States Association of Colleges and Secondary Schools and Affiliated Associations, held at Atlantic City, N. J., November 29, 1947. Washington 6: Office of Puerto Rico, [1948]. Pp. 16.
- BOND, GUY L., and HANDLAN, BERTHA. *Adapting Instruction in Reading to Individual Differences*. Number Five of the Series on Individualization of Instruction, College of Education, University of Minnesota. Minneapolis 14: University of Minnesota Press, 1948. Pp. viii + 82.
- CRANE, JOHN, and KIELEY, JAMES F. *West Point, "The Key to America."* New York: Whittlesey House, 1947. Pp. xiv + 320.
- DAVIS, HALLOWELL. *Hearing Aids: An Experimental Study of Design Objectives*. Cambridge, Mass.: Harvard University Press, 1947. Pp. viii + 197.
- EDWARDS, NEWTON, and RICHEY, HERMAN G. *The School in the American Social Order: The Dynamics of American Education*. Boston: Houghton Mifflin Company, 1947. Pp. xiv + 880.
- FRANKEL, ALICE HELEN. *Handbook of Job Facts, Part II: Clerical, Sales, Agricultural, Fishery, Forestry, and Skilled Occupations*. American Job Series, Guidance Monograph. Chicago 4: Science Research Associates, 1948. Pp. 53-96.
- . *Handbook of Job Facts, Part III: Service, Semi-Skilled, and Unskilled Occupations*. American Job Series, Guidance Monograph. Chicago 4: Science Research Associates, Inc., 1948. Pp. 97-144.
- FROELICH, CLIFFORD P., and BENSON, ARTHUR L. *Guidance Testing*. Chicago 4: Science Research Associates, 1948. Pp. 96.
- GAUMNITZ, WALTER H., and DEVILBISS, WILBUR. *Co-operative Planning: The Key to Improved Organization of Small High Schools*. Pamphlet No. 102. Washington 25: Federal Security Agency, Office of Education, 1947. Pp. iv + 22.
- Housing*. Building America, Vol. XIII, No. 5, February, 1948. A publication of the Association for Supervision and Curriculum Development, National Education Association. Distributed by Building America, 2 West 45th Street, New York 19, N. Y. Pp. 65-96.
- Invitation to Live*. Prepared in co-operation with the National Safety Council. Cartoons by Paul Murphy. Kansas City, Missouri: The Printograph Company, 1947. Pp. 74.
- Jack's Secret*. A Story of the Effects of Tuberculosis and the Discovery and Treatment of the Disease. Published jointly by the University of Florida Sloan Project in Applied Economics, the Florida State Board of Health, and the Florida Tuberculosis and Health Association. Gainesville, Florida: University of Florida, College of Education, Florida Curriculum Laboratory, 1946. Pp. 68.

- JERSILD, ARTHUR T. *Child Development and the Curriculum*. New York: Columbia University, Teachers College, Bureau of Publications, 1946. Pp. xii + 274.
- KUSHNER, ROSE ESTRIN. *The Relationship between Content of an Adult Intelligence Test and Intelligence Test Score as a Function of Age*. Contributions to Education, No. 933. New York: Columbia University, Teachers College, Bureau of Publications, 1947. Pp. 60.
- The Legal Status of the Public-School Pupil*. National Education Association Research Bulletin, Vol. XXVI, No. 1, February, 1948. Washington 6: Research Division, National Education Association. Pp. 3-38. *
- McCoy, JOHN H. *A Calendar of College Activities for 1947-48*. Day-by-day Suggestions for a Well-Balanced Program of Public Relations during the School Year. Santa Ana, California: Issued by the author, August, 1947. Pp. 30 (mimeographed).
- 1947 Fall Testing Program in Independent Schools and Supplementary Studies*. Education Records Bulletin No. 49. New York 19, N. Y.: Educational Records Bureau, February, 1948. Pp. xii + 70 (reproduced from typewritten copy).
- Our Teachers*. Annual Report of the Profession to the Public by the Executive Secretary of the National Education Association of the United States. Washington 6: National Education Association, 1947. Pp. 16.
- Professional Athletics as a Career*. Research No. 169. Chicago: The Institute for Research, 1947. Pp. 24.
- SEIDEL, VAUGHAN D. *Our Children: Annual Report of the Alameda County Schools*. Oakland 7, California: Office of the County Superintendent of Schools, 1947. Pp. 50.
- Statistics of State Progress in Public Education*. National Education Association Research Bulletin, Vol. XXV, No. 4, December, 1947. Washington 6: Research Division of the National Education Association. Pp. 115-176.
- Still Unfinished: Our Educational Obligation to America's Children*. Washington 6: National Education Association, 1948. Pp. 32.
- United Nations Appeal for Children*. Lake Success, New York: United Nations Appeal for Children, [1948]. Pp. 16 (unnumbered).
- Using Community Resources: Illustrative Experience Units for Grades One to Six*. Prepared by The University Elementary Demonstration School Faculty (The Turtle School), University of Minnesota. Minneapolis 14: University of Minnesota Press, 1948. Pp. viii + 102.

DIRECTORY

CALIFORNIA STATE DEPARTMENT OF EDUCATION



DIRECTORY

CALIFORNIA STATE DEPARTMENT OF EDUCATION

STATE BOARD OF EDUCATION

*Term Expires
January 15*

WILLIAM L. BLAIR, President, Star-News Building, 525 E. Colorado Street, Pasadena 1	1952
BYRON H. ATKINSON, 1257 Virginia Avenue, Glendale 2	1949
RAYMOND J. ARATA, Hibernia Bank Building, San Francisco 2	1950
RALPH T. FISHER, c/o American Trust Co., 14th and Broadway, Oakland 4	1950
C. J. HAGGERTY, 402 Flood Building, San Francisco 2	1949
MRS. E. T. HALE, 4075 Alameda Drive, San Diego 3	1950
GILBERT H. JERTBERG, 605 Pacific Southwest Building, Fresno 1	1951
JOSEPH P. LOEB, 523 West Sixth Street, Los Angeles 14	1951
FRED W. SMITH, P. O. Box 30, Ventura	1952
MRS. MARGARET H. STRONG, 672 Mirada Avenue, Stanford University	1952
ROY E. SIMPSON, Secretary and Executive Officer	

STAFF

(Unless otherwise indicated, the offices of divisions, bureaus and staff members listed here are located in the Library and Courts Building, Sacramento 14)

ROY E. SIMPSON, Superintendent of Public Instruction and Director of Education

DIVISION OF DEPARTMENTAL ADMINISTRATION

GEORGE E. HOGAN, Deputy Superintendent of Public Instruction; and Chief, Division of Departmental Administration

MARGARET RAUCH, Administrative Assistant

ALFRED E. LENTZ, Administrative Adviser

WILLIAM H. PETERSON, Assistant Administrative Adviser

NICHOLAS E. WYCKOFF, Public Information Officer

ALWIN J. SCHMIDT, Accounting Officer

MRS. IRENE T. HEINEMAN, Assistant to the Superintendent, 311 State Building, Los Angeles 12

OWEN C. COY, Executive Secretary, California State Historical Association, 3551 University Avenue, Los Angeles 7

EDUCATION RESEARCH, Bureau of

HENRY W. MAGNUSON, Chief, Bureau of Education Research

BYRON C. CURRY, Consultant in Education Research

WARREN H. NATWICK, Consultant in Education Research

THOMAS A. SHELLHAMMER, Consultant in Education Research

PETER J. TASHNOVIAN, Education Research Technician

DIVISION OF INSTRUCTION

RALPH R. FIELDS, Associate Superintendent of Public Instruction; and Chief, Division of Instruction

ADULT EDUCATION, Bureau of, 311 State Building, Los Angeles 12

GEORGE C. MANN, Chief, Bureau of Adult Education

LEO JONES, Consultant in Continuation Education

RALPH G. ECKERT, Consultant in Parent Education

AUDIO-VISUAL EDUCATION, Bureau of

FRANCIS W. NOEL, Chief, Bureau of Audio-Visual Education

GEORGE W. ORMSBY, Consultant in Audio-Visual Education

WILLIAM T. STABLER, Photographer

ELEMENTARY EDUCATION

HELEN HEFFERNAN, Assistant Division Chief, Elementary Education

BERNARD J. LONSDALE, Consultant in Elementary Education

DELLA M. PERRIN, Consultant in Elementary Education *

MRS. FAITH W. SMITTER, Consultant in Elementary Education

HEALTH EDUCATION, PHYSICAL EDUCATION, AND RECREATION, Bureau of

VERNE S. LANDRETH, Chief of Bureau, Room 1005, Black Building, 357 South Hill Street, Los Angeles 13

MRS. CECYL N. HAVELIN, Consultant in Health Education, 357 South Hill Street, Los Angeles 13

CARSON CONRAD, Consultant in Community Recreation, 2722 L Street, Sacramento 14

WINIFRED VAN HAGEN, Consultant in Physical Education, 2722 L Street, Sacramento 14

COMMUNITY HEALTH EDUCATION PROJECT

MISS MARY M. HURLEY, Project Director, Black Building, 357 South Hill Street, Los Angeles 13

HELEN DEMPSTER, Consultant in Health Education, c/o Chico State College

ELIZABETH KELLEY, Consultant in Health Education, c/o Fresno State College

EDITH R. LINDLY, Consultant in Health Education, c/o Fresno State College

ANGELA KITZINGER, Consultant in Health Education, c/o San Diego State College

W. H. LAURITSEN, Consultant in Health Education, c/o San Diego State College

MARGARET L. LEONARD, Consultant in Health Education, c/o San Francisco State College

ETHEL MEALEY, Consultant in Health Education, c/o San Francisco State College

SECONDARY EDUCATION

FRANK B. LINDSAY, Assistant Division Chief, Secondary Education

M. EUGENE MUSHLITZ, Consultant in Secondary Education

EVERETT V. O'ROURKE, Consultant in Secondary Education

W. EARL SAMS, Consultant in Aviation Education, Room 733, 453 South Spring Street, Los Angeles 13

JOHN M. AUSTIN, Field Representative in Aviation Education, 453 South Spring Street, Los Angeles 13

JOHN B. BRINEGAR, Field Representative in Aviation Education, 453 South Spring Street, Los Angeles 13

WILLIAM NEAL MCGOWAN, Field Representative in Aviation Education, 609 Sutter Street, San Francisco

SPECIAL EDUCATION, Bureau of

FRANCIS W. DOYLE, Chief, Bureau of Special Education

RICHARD S. FRENCH, Consultant in Education of the Blind, 3001 Derby Street, Berkeley 5

ELWOOD A. STEVENSON, Consultant in Education of the Deaf, Warring and Parker Streets, Berkeley 5

MRS. VIVIAN S. LYNNDELLE, Consultant in Education of the Hard of Hearing

MRS. LILLIAN B. HILL, Consultant in Mental Hygiene and Education of the Mentally Retarded, 2722 L Street, Sacramento 14

* Absent on leave.

- CAROL M. JENSEN, Consultant in Education of Physically Handicapped Children, 2722 L Street, Sacramento 14
MRS. BEATRICE STOERING GORE, Consultant in Education of Physically Handicapped Children, Room 1003, Black Building, 357 South Hill Street, Los Angeles 13
MRS. MABEL F. GIFFORD, Consultant in Speech Correction, 502 California Building, 515 Van Ness Avenue, San Francisco 2
CONRAD F. WEDBERG, Field Representative in Speech Correction, 311 State Building, Los Angeles 12

VOCATIONAL EDUCATION

- JULIAN A. MCPHEE, State Director of Vocational Education; President, California State Polytechnic College, San Luis Obispo
WESLEY P. SMITH, Assistant to the Director of Vocational Education
EDGAR B. WICKLANDER, Special Supervisor of Vocational Education

AGRICULTURAL EDUCATION, Bureau of

- BYRON J. McMAHON, Chief of Bureau, California State Polytechnic College, San Luis Obispo
GEORGE P. COUPER, Assistant to Chief of Bureau, California State Polytechnic College, San Luis Obispo
J. EVERETT WALKER, Regional Supervisor, Chico State College, Chico
HOWARD F. CHAPPELL, Regional Supervisor
B. R. DENBIGH, Regional Supervisor, 402-A California State Building, Los Angeles 12
E. W. EVERETT, Assistant Supervisor of Veteran Training, San Jose State College, San Jose
J. CORDNER GIBSON, Regional Supervisor, 402-A California State Building, Los Angeles 12
J. DANIEL LAWSON, Special Supervisor, California State Polytechnic College, San Luis Obispo
M. K. LUTHER, Regional Supervisor, San Jose State College, San Jose
A. G. RINN, Regional Supervisor, Fresno State College, Fresno
S. S. SUTHERLAND, Teacher Trainer, College of Agriculture, University of California, Davis
J. I. THOMPSON, Assistant Supervisor, California State Polytechnic College, San Luis Obispo
H. H. BURLINGHAM, Teacher Trainer, California State Polytechnic College, San Luis Obispo

TRADE AND INDUSTRIAL EDUCATION, Bureau of

- SAMUEL L. FICK, Chief of Bureau
MILES ANDERSON, Assistant State Supervisor in Charge of Instructional Materials for Apprenticeship Training, 2129 Grove Street, Oakland 12
MELVIN L. BARLOW, Supervisor, Trade and Industrial Teacher Training, 405 Hilgard Avenue, University of California, Los Angeles 24
HORACE W. BATES, Special Supervisor, 717 H. W. Hellman Building, Los Angeles 13
LEE D. BODKIN, Assistant Supervisor, Trade and Industrial Teacher Training, 405 Hilgard Avenue, University of California, Los Angeles 24
CAROLYN H. BROWN, Research Assistant, Instructional Materials, 2129 Grove Street, Oakland 12
WARD L. COCKERTON, Traveling Instructor, Fire Training, 2129 Grove Street, Oakland 12
JAMES C. DUNBAR, Traveling Instructor, Foreman Training, 717 H. W. Hellman Building, Los Angeles 13
LESTER G. ECKE, Traveling Instructor, Foreman Training, 717 H. W. Hellman Building, Los Angeles 13

CARL J. KISTLE, Traveling Instructor, Fire Training, 1126½ I Street, Sacramento
ERNEST G. KRAMER, Regional Supervisor, 2129 Grove Street, Oakland 12
VAN B. LAWRENCE, Special Supervisor, 2129 Grove Street, Oakland 9
PAUL LOFGREN, Assistant Supervisor, Trade and Industrial Teacher Training, in Charge of Trade Tests, 120 Haviland Hall, University of California, Berkeley 4
SIDNEY E. MCGAW, Assistant Supervisor, Trade and Industrial Teacher Training, 120 Haviland Hall, University of California, Berkeley 4
GAIL E. MOORE, Supervisor, Trade and Industrial Teacher Training, 120 Haviland Hall, University of California, Berkeley 4
CHARLES W. PATRICK, Regional Supervisor, Trade and Industrial Education
JOHN P. PEPPER, Special Supervisor, Peace Officers Training, 1126½ I Street, Sacramento
GEORGE L. ROSECRANS, Assistant State Supervisor, Apprenticeship Training, 2129 Grove Street, Oakland
MACK STOKER, Regional Supervisor, 717 H. W. Hellman Building, Los Angeles 13
WALLACE THEILMANN, Special Supervisor for Instructional Materials, University of California, 405 Hilgard Avenue, Los Angeles 24
THOMAS S. WARD, Special Supervisor, Fire Training, 1126½ I Street, Sacramento

BUSINESS EDUCATION, Bureau of

IRA W. KIBBY, Chief, Bureau of Business Education; State Supervisor of Distributive Education
WM. R. BLACKLER, Assistant State Supervisor of Distributive Education
ERNEST D. BASSETT, Special Supervisor of Veteran Training, 2129 Grove Street, Oakland 12
HUGHES M. BLOWERS, Regional Supervisor of Distributive Education, 122 Haviland Hall, University of California, Berkeley 4
WILLIS M. KENEALY, Regional Supervisor of Distributive Education, 402-G California State Building, Los Angeles 12
EARL H. KIESELHORST, Special Supervisor of Distributive Education, 122 Haviland Hall, University of California, Berkeley 4
VERNON B. SHEBLAK, Special Supervisor of Distributive Education, 402-G California State Building, Los Angeles 12
LAWSON V. POSS, Field Co-ordinator of Distributive Education, 122 Haviland Hall, University of California, Berkeley 4
MRS. VIOLA L. THOMAS, Research Assistant, 122 Haviland Hall, University of California, Berkeley 4

HOMEMAKING EDUCATION, Bureau of

BERTHA V. AKIN, Chief, Bureau of Homemaking Education
MARY FRANCES INMAN, Regional Supervisor of Homemaking Education, c/o Chico State College
CORA N. PRICE, Regional Supervisor of Homemaking Education, 1126½ I Street, Sacramento 14
GEORGIA RUFFCORN, Regional Supervisor of Homemaking Education, 311 State Building, Los Angeles 12
DOROTHY SHANK, Regional Supervisor of Homemaking Education, California State Polytechnic College, San Luis Obispo
MRS. CLARA P. SNYDER, Assistant Supervisor of Homemaking Education, 311 State Building, Los Angeles 12
MRS. GWENDOLYN WAGNER, Regional Supervisor of Homemaking Education

OCCUPATIONAL INFORMATION AND GUIDANCE, Bureau of

DONALD E. KITCH, Chief, Bureau of Occupational Information and Guidance
WILLIAM H. MCCREARY, Assistant State Supervisor of Occupational Information and Guidance

DIVISION OF PUBLIC SCHOOL ADMINISTRATION

FRANK M. WRIGHT, Associate Superintendent of Public Instruction; and Chief, Division of Public School Administration

HARRY P. McCANDLESS, Assistant Division Chief, Education Administration

BRUCE P. CURRIE, Field Representative, Education Administration

MARION B. SLOSS, Field Representative, Education Administration

CHILD CARE CENTERS

JOHN R. WEBER, Supervisor, Special Financial Services to Schools (Child Care Centers), Room 1014 Black Building, 357 South Hill Street, Los Angeles 13

THOMAS J. MAHAN, Assistant Supervisor, Child Care Centers, 1386 Shattuck Avenue, Berkeley 9

MARY ALICE MALLUM, Consultant, Child Care Centers, Black Building, 357 South Hill Street, Los Angeles 13

NORAH M. CLANCY, Consultant, Child Care Centers, 2722 L Street, Sacramento 16

JACOB SUSSELMAN, Auditor, Child Care Centers, Black Building, 357 South Hill Street, Los Angeles 13

S. H. SWIFT, Auditor, Child Care Centers, 2722 L Street, Sacramento 16

CHILD WELFARE AND ATTENDANCE

—————, Consultant, Child Welfare and Attendance

INDIAN EDUCATION, Bureau of

FAYE K. BRIDGES, Chief of Bureau, 1006 Black Building, 357 South Hill Street, Los Angeles 13

READJUSTMENT EDUCATION, Bureau of

AXEL C. JENSEN, Chief, Bureau of Readjustment Education, 1033 Forum Building, Sacramento 14

JEAN CAMPBELL, Technical Assistant, 1121 South Hill Street, Los Angeles 15

E. THOMAS COTTON, Technical Assistant, 1121 South Hill Street, Los Angeles 15

TERRENCE A. DUFFY, Technical Assistant, 1121 South Hill Street, Los Angeles 15

M. MAX SCHMOEKEL, Technical Assistant, 1033 Forum Building, Sacramento 14

HERBERT E. SUMMERS, Technical Assistant, 1033 Forum Building, Sacramento 14

SCHOOL ACCOUNTS AND RECORDS, Bureau of

2 — RALPH R. BOYDEN, Chief, Bureau of School Accounts and Records

1 — *Marion Sloss*

SCHOOL LUNCH PROGRAM, 909½ Eighth Street, Sacramento 14

JAMES M. HEMPHILL, Supervisor, Special Financial Services to Schools (School Lunch Program), 909½ Eighth Street, Sacramento 14

KATHRYNE I. SHEEHAN, Nutritionist Consultant, 909½ Eighth Street, Sacramento 14

GEORGE F. HENDERSON, Auditor, 909½ Eighth Street, Sacramento 14

HAROLD JEWELL, Auditor, 1001 Black Building, 357 South Hill Street, Los Angeles 13

MRS. RUTH E. BOYER, Nutritionist, 106 Summit Drive, Corte Madera

MRS. VIRGINIA COKER, Nutritionist, 1001 Black Building, 357 South Hill Street, Los Angeles 13

KATHRYN LEHANE, Nutritionist, 105 Library Building, Fresno State College, Fresno 4

PAULINE M. LODWICK, Nutritionist, 1001 Black Building, 357 South Hill Street, Los Angeles 13

BARBARA J. SELBY, Nutritionist, 909½ Eighth Street, Sacramento 14

KATHLEEN THODY, Nutritionist, 1459 Jones Street, San Francisco

MARGARET R. WINKELMAN, Nutritionist, 578 Sixty-second Street, Oakland 9

SCHOOL PLANNING

CHARLES W. BURSCH, Assistant Division Chief, School Planning

DOYT EARLY, Architect

EDGAR W. PARSONS, Field Representative, School Planning

— PAUL L. RIVERS, Field Representative, School Planning

— HOWARD L. ROWE, Field Representative, School Planning

CHARLES D. GIBSON, Field Representative, 423-427 Douglas Building, 257 South Spring Street, Los Angeles 12

JOHN BRANIGAN, Field Representative, 423-427 Douglas Building, 257 South Spring Street, Los Angeles 12

DOW PATTERSON, Field Representative, 423-427 Douglas Building, 257 South Spring Street, Los Angeles 12

SURPLUS PROPERTY, State Educational Agency for

EDWIN K. DOLE, Chief Surplus Property Officer, 1126½ I Street, Sacramento 14

ROBERT M. THORPE, Executive Assistant, 1126½ I Street, Sacramento 14

THORNTON H. BATTELLE, Assistant Surplus Property Officer, 1126½ I Street, Sacramento 14

SAMUEL W. PATTERSON, Deputy Surplus Property Officer, 5707 South Alameda Street, Los Angeles 11

WALTER L. JOHNSON, Assistant Surplus Property Officer, 5707 South Alameda Street, Los Angeles 11

CHESTER R. KLEVELAND, Assistant Surplus Property Officer, 5707 South Alameda Street, Los Angeles 11

FRANCIS A. LANGSTON, Assistant Surplus Property Officer, 5707 South Alameda Street, Los Angeles 11

NORMAN C. OLSON, Assistant Surplus Property Officer, 5707 South Alameda Street, Los Angeles 11

ROBERT H. REINHARD, Assistant Surplus Property Officer, 5707 South Alameda Street, Los Angeles 11

WILLIAM A. FARRELL, Deputy Surplus Property Officer, 1721 Sixteenth Street, Sacramento 14

EDMUND R. ANDERSON, Assistant Surplus Property Officer, 1721 Sixteenth Street, Sacramento 14

STANLEY R. PIAGGI, Assistant Surplus Property Agent, 1721 Sixteenth Street, Sacramento 14

JOHN I. SHEA, Assistant Surplus Property Officer, 1721 Sixteenth Street, Sacramento 14

ROBERT A. HENRY, Deputy Surplus Property Officer, 7425 San Leandro Street, Oakland 3

FRANCIS L. HINCKLEY, Assistant Surplus Property Officer, 7425 San Leandro Street, Oakland 3

GEORGE P. REILLY, Assistant Surplus Property Officer, 7425 San Leandro Street, Oakland 3

RICHARD E. WARD, Assistant Surplus Property Officer, 7425 San Leandro Street, Oakland 3

TEXTBOOKS AND PUBLICATIONS, Bureau of

IVAN R. WATERMAN, Chief, Bureau of Textbooks and Publications

W. S. DYAS, Supervisor of State Textbook Distribution

DOROTHY M. CATON, Editorial Assistant

MARIAN D. MYERS, Editorial Assistant

*Get things
Do not
send mistakes
extra*

DIVISION OF STATE COLLEGES AND TEACHER EDUCATION

AUBREY A. DOUGLASS, Associate Superintendent of Public Instruction; and Chief,
Division of State Colleges and Teacher Education

JOEL A. BURKMAN, Assistant Division Chief, State Colleges and Teacher Education

CREDENTIALS OFFICE

HERSCHEL S. MORGAN, Credentials Technician

MRS. IRMA BROWNSTONE, Assistant Credentials Technician

MRS. LA VEDA HARP, Assistant Credentials Technician

MRS. RUTH HENDRICKSON, Assistant Credentials Technician, 311 State Building, Los Angeles 12

MRS. MARIE M. LEIK, Assistant Credentials Technician

ETHEL MACPHERSON, Assistant Credentials Technician

ISAAC B. MAYERS, Assistant Credentials Technician

DONALD W. PARKS, Field Representative

STATE COLLEGES

CALIFORNIA MARITIME ACADEMY, Morrow Cove, Solano County; P. O.
address: Carquinez Straits, Vallejo

RUSSELL M. IHRIG, Commodore, U.S.N. (Retired), Superintendent

CALIFORNIA STATE POLYTECHNIC COLLEGE, San Luis Obispo

JULIAN A. MCPHEE, President

CHICO STATE COLLEGE, Chico

AYMER JAY HAMILTON, President

FRESNO STATE COLLEGE, Fresno 4

FRANK WATERS THOMAS, President

HUMBOLDT STATE COLLEGE, Arcata

ARTHUR S. GIST, President

SAN DIEGO STATE COLLEGE, San Diego 5

WALTER R. HEPNER, President

SAN FRANCISCO STATE COLLEGE, 124 Buchanan Street, San Francisco 2

J. PAUL LEONARD, President

SAN JOSE STATE COLLEGE, San Jose 14

T. W. MACQUARRIE, President

OTHER STATE COLLEGES (NOT PART OF STATE PUBLIC SCHOOL SYSTEM)

(AUTHORIZED BY ACT OF 1947 LEGISLATURE)

LOS ANGELES STATE COLLEGE

P. VICTOR PETERSON, Acting President

SACRAMENTO STATE COLLEGE

GUY A. WEST, Acting President

DIVISION OF SPECIAL SCHOOLS AND SERVICES

HERBERT R. STOLZ, M.D., Deputy Superintendent of Public Instruction; and Chief,
Division of Special Schools and Services, 515 Van Ness Avenue, San Francisco 2

STATE SPECIAL SCHOOLS

CALIFORNIA SCHOOL FOR THE BLIND, 3001 Derby Street, Berkeley 5

RICHARD S. FRENCH, Superintendent

CALIFORNIA SCHOOL FOR THE DEAF, Warring and Parker Streets, Berkeley 5

ELWOOD A. STEVENSON, Superintendent

SCHOOL FOR CEREBRAL PALSIED CHILDREN, NORTHERN CALIFORNIA, Box

2610, Whipple Road, Redwood City

MELBA M. MILLER, Superintendent

SCHOOL FOR CEREBRAL PALSIED CHILDREN, SOUTHERN CALIFORNIA, c/o

Convalescent Home, Children's Hospital, Los Angeles

MRS. BEATRICE STOERING GORE, Consultant in Education of Physically Handicapped
Children, in charge

BEATRICE PHELAN, Head Teacher

CENTERS FOR THE ADULT BLIND

TRAINING CENTER FOR ADULT BLIND, 3601 Telegraph Avenue, Oakland 9

E. C. COPELAND, Superintendent

INDUSTRIAL WORKSHOP FOR THE BLIND, 1020 Santee St., Los Angeles 15

GEORGE A. BROWN, Manager

STATE BLIND SHOP, 1344 F Street, San Diego 2

DAVID G. REEDER, Manager

VOCATIONAL REHABILITATION, Bureau of

CENTRAL OFFICE, 705 California Street, Sacramento 14

HARRY D. HICKER, Chief, Bureau of Vocational Rehabilitation

F. E. HART, JR., Supervisor of Rehabilitation Services

HERBERT NOTKIN, M.D., Medical Consultant

A. E. SEPTINELLI, Supervisor of Services for the Blind

DISTRICT OFFICES

1. San Francisco—515 Van Ness Avenue, San Francisco 2

J. M. DODD, District Supervisor

F. M. BALLARD, Assistant District Supervisor

C. G. BLUETT, Assistant District Supervisor

NATHAN NELSON, Assistant District Supervisor

GEORGE M. SLOAN, Assistant District Supervisor

MORGAN W. VAIL, Assistant District Supervisor

RAYMOND E. BARTON, Vocational Rehabilitation Officer

BERTRAM L. BURK, JR., Vocational Rehabilitation Officer

WILLIAM C. LERCHE, Vocational Rehabilitation Officer

LUCILLE LORTSCHER, Vocational Rehabilitation Officer

J. JAMES OVERTURF, Vocational Rehabilitation Officer

JANET PENCE, Vocational Rehabilitation Officer

FRANK J. POWERS, Vocational Rehabilitation Officer

GEORGE E. REICK, Vocational Rehabilitation Officer
DUBOIS C. RHINE, Vocational Rehabilitation Officer
LANG RUSSELL, Vocational Rehabilitation Officer
ELISE WILLSON, Vocational Rehabilitation Officer
HOWARD B. WOLCOTT, Vocational Rehabilitation Officer
LAWRENCE F. MARCELINO, Rehabilitation Officer for the Blind
TOM L. ANDERSON, Rehabilitation Officer for the Deaf
ANN L. BEYHAN, Psychiatric Social Worker
EDMOND GAYNOR, M.D., Medical Consultant

II. *Oakland*—Medical Arts Building, 2059 Webster Street, Oakland 12

LESLIE O. ADAMS, District Supervisor
BEN B. BEALES, Assistant District Supervisor
JEANNETTE C. GREINER, Assistant District Supervisor
E. R. BECK, Vocational Rehabilitation Officer
IDELL S. BROWNLIE, Vocational Rehabilitation Officer
CATHERINE P. BUTCHER, Vocational Rehabilitation Officer
WARREN M. ENGSTRAND, Vocational Rehabilitation Officer
BEDSON JUETT, Vocational Rehabilitation Officer
CLIFFORD O. MEADOWCROFT, Vocational Rehabilitation Officer
PHILIP S. VAIL, JR., Vocational Rehabilitation Officer
CHARLES D. WILLIAMS, Vocational Rehabilitation Officer
DALE C. WILLIAMSON, Vocational Rehabilitation Officer
ALLEN JENKINS, Rehabilitation Officer for the Blind

III. *Sacramento*—705 California Street, Sacramento 14

ELDEN L. COLBY, District Supervisor
FRANCIS J. O'BRIEN, Assistant District Supervisor
GEORGE ASKELUND, Vocational Rehabilitation Officer
ELVIN A. CURTIS, Vocational Rehabilitation Officer
RAYMOND JOHNSON, Vocational Rehabilitation Officer
JEAN ZELLE, Vocational Rehabilitation Officer

V. *Pasadena*—308 Stevenson Building, 30 North Raymond Avenue, Pasadena 1

R. W. FEIKE, District Supervisor
WILLIAM GROTHEN, Assistant District Supervisor
CLAIRE BRERETON, Vocational Rehabilitation Officer
JOE BROWN, Vocational Rehabilitation Officer
CRAWFORD BRUBAKER, Vocational Rehabilitation Officer
F. W. DOHR, Vocational Rehabilitation Officer
JOHN F. DOOLEY, Vocational Rehabilitation Officer
GEORGE RICHARDSON, Vocational Rehabilitation Officer
WINSTON R. SMOYER, Vocational Rehabilitation Officer
JAMES A. WALKER, Vocational Rehabilitation Officer
ELLARENE MCCOY, M.D., Medical Consultant

VI. *Los Angeles*—811 Black Building, 357 South Hill Street, Los Angeles 13

W. E. SMITH, District Supervisor
JAMES R. DAVIDSON, Assistant District Supervisor
HARRY I. FRIEDMAN, Assistant District Supervisor
GLENN J. McMULLEN, Assistant District Supervisor
ARTHUR RASHKOW, Assistant District Supervisor
JOSEPH O. STANTON, Assistant District Supervisor
FLOYD G. ALLEN, Vocational Rehabilitation Officer
ALEXANDER A. ATLAS, Vocational Rehabilitation Officer
JAMES T. BARRETT, Vocational Rehabilitation Officer

WILLIAM W. CHAMPION, Vocational Rehabilitation Officer
HENRY M. DEGARIS, Vocational Rehabilitation Officer
RENE DELIBAN, Vocational Rehabilitation Officer
HELEN DEVAULT, Vocational Rehabilitation Officer
RAYMOND T. EDDY, Vocational Rehabilitation Officer
MILTON J. FEINERMAN, Vocational Rehabilitation Officer
LEE R. FORGY, Vocational Rehabilitation Officer
EDITH FOTHERINGHAM, Vocational Rehabilitation Officer
A. G. GARRIS, Vocational Rehabilitation Officer
ROBERT A. GODLEY, Vocational Rehabilitation Officer
J. LOUIS GULLEDGE, Vocational Rehabilitation Officer
ARTHUR G. HARRELL, Vocational Rehabilitation Officer
RAY JOLLY, Vocational Rehabilitation Officer
BARBARA LAWRENCE, Vocational Rehabilitation Officer
ARTHUR C. POINC, Vocational Rehabilitation Officer
CARROLL H. RICHARDSON, Vocational Rehabilitation Officer
VERENA H. RIVES, Vocational Rehabilitation Officer
RALPH C. SHANKS, Vocational Rehabilitation Officer
J. GUSTAVE WHITE, Vocational Rehabilitation Officer
WAYNE H. BRADLEY, Rehabilitation Officer for the Blind
THOMAS ROTHWELL, Rehabilitation Officer for the Blind
HARRY L. RUNNION, Rehabilitation Officer for the Blind
VALENTINE A. BECKER, Rehabilitation Officer for the Deaf
A. F. SONNENBERG, M.D., Medical Consultant

VII. Long Beach—620 Times Building, 215 American Avenue, Long Beach 2

ANDREW MARRIN, District Supervisor
DONALD W. BLYTH, Assistant District Supervisor
CHARLES COLLINS, Vocational Rehabilitation Officer
SIDNEY EDMONDSON, Vocational Rehabilitation Officer
RICHARD L. LAYMAN, Vocational Rehabilitation Officer
PHILIP YEOMANS, Vocational Rehabilitation Officer
JAMES P. MCCORMICK, Rehabilitation Officer for the Blind
MARK DALTON, M.D., Medical Consultant

BRANCH OFFICES

Chico—407 Main Street, Chico

ROLAND S. APPELEGATE, Vocational Rehabilitation Officer

Fresno—2404 Kern Street, Fresno 1

NEIL MACDONALD, Vocational Rehabilitation Officer

San Bernardino—305 Platt Building, 491 Fifth Street, San Bernardino

R. W. DUTCHER, Vocational Rehabilitation Officer
HARRY G. KLINGBIEL, Vocational Rehabilitation Officer
DOROTHY MITCHELL, Vocational Rehabilitation Officer

San Diego—522 Spreckels Building, 121 Broadway, San Diego 1

FRANK W. VINGOE, Assistant District Supervisor
HAZEL BIRD, Vocational Rehabilitation Officer
JOHN C. SCUDDER, Vocational Rehabilitation Officer

Santa Ana—1104 West Eighth Street, Santa Ana

ANDREW J. FULLER, Vocational Rehabilitation Officer

Santa Rosa—Room 315, Rosenberg Building, Santa Rosa

ROBERT F. HELD, Vocational Rehabilitation Officer

Stockton—724 Bank of America Building, Stockton 5
BRUCE E. EDSON, Vocational Rehabilitation Officer
JOHN C. WADDELL, Vocational Rehabilitation Officer

LOCAL OFFICES

Alameda—2095 Webster Street, Oakland 12
JOHN HOOBYAR, Vocational Rehabilitation Co-ordinator

Long Beach—112 John Dewey School, 8th Street and American Avenue, Long Beach 2
DEANE BOTTOROFF, Vocational Rehabilitation Co-ordinator

Los Angeles—451 North Hill Street, c/o City Schools, Los Angeles 12
CARL ETTER, Vocational Rehabilitation Co-ordinator

Modesto—c/o Capitol School Administration Building, Modesto
JOHN A. SEAMAN, Vocational Rehabilitation Co-ordinator

Salinas—110½ Homestead Avenue, Salinas
E. L. LOW, Vocational Rehabilitation Co-ordinator

San Diego—835 Twelfth Avenue, San Diego 2
JOHN D. WIMMER, Vocational Rehabilitation Co-ordinator

San Jose—Room 28, San Jose High School Building, San Jose 14
D. W. THOMAS, Vocational Rehabilitation Co-ordinator

San Mateo—c/o San Mateo Junior College, San Mateo
R. T. ALLAN, Vocational Rehabilitation Co-ordinator

Visalia—c/o County Superintendent of Schools, Visalia
JOHN GEARHART, Vocational Rehabilitation Co-ordinator

BUSINESS ENTERPRISE PROGRAM

Los Angeles—811 Black Building, 357 South Hill Street, Los Angeles 13
JOHN M. SPAULDING, Vocational Rehabilitation Officer

San Francisco—515 Van Ness Avenue, San Francisco 2
RAY WILLIAMS, Vocational Rehabilitation Officer

DIVISION OF LIBRARIES (State Library)

MABEL R. GILLIS, California State Librarian, Chief of Division
MRS. ELEANOR H. MORGAN, Assistant Librarian
HERBERT V. CLAYTON, Law and Legislative Reference Librarian
MARGARET E. PRESTON, Order Librarian
EVELYN HUSTON, Government Documents Librarian
BEULAH MUMM, Reference Librarian
GRACE MURRAY, Editorial Librarian
THELMA REID, Field Representative
MRS. VIRGINIA SIMPSON, Librarian, Books for the Blind
OLIVE SWAIN, Catalog Librarian
CAROLINE WENZEL, California Section Librarian
MRS. ALICIA M. HOOK, Prints Librarian
HELEN M. BRUNER, Librarian, Sutro Branch, Public Library Building, Civic Center,
San Francisco 2

COMMISSION OF CREDENTIALS

ROY E. SIMPSON, Superintendent of Public Instruction, Chairman

AUBREY A. DOUGLASS, Associate Superintendent of Public Instruction and Chief,
Division of Teacher Education

RALPH R. FIELDS, Associate Superintendent of Public Instruction and Chief, Division
of Instruction

FRANK M. WRIGHT, Associate Superintendent of Public Instruction and Chief, Division
of School Administration

WESLEY P. SMITH, Assistant to the Director of Vocational Education

STATE CURRICULUM COMMISSION

ROY E. SIMPSON, Superintendent of Public Instruction, Chairman

JOHN F. BRADY, Associate Superintendent of Schools, San Francisco

RUBIE BURTON, Teacher, Santa Barbara Senior High School, Santa Barbara

W. K. COBB, District Superintendent and Principal, Redondo Union High School
District, Redondo Beach

JAY D. CONNER, Assistant Superintendent of Schools, San Diego

MRS. DOROTHY HARSIN, District Assistant Superintendent of Schools, Los Angeles
Public Schools

ROY E. LEARNED, Principal, Washington Elementary School, Sacramento

H. M. MCPHERSON, District Superintendent and Principal, Napa Union High School
and Napa Junior College

WILLIAM G. PADEN, City Superintendent of Schools, Alameda

PETER L. SPENCER, Professor of Education, Claremont College

C. C. TRILLINGHAM, County Superintendent of Schools, Los Angeles

STATE TEACHERS' RETIREMENT SYSTEM

1408 J STREET, SACRAMENTO 14

TEACHERS' RETIREMENT BOARD

THE STATE BOARD OF EDUCATION, and

MRS. LOUISE BYER GRIDLEY, Teacher, Berkeley Senior High School

IRA C. LANDIS, City Superintendent of Schools, Riverside

ROY E. SIMPSON, ex officio Secretary

MRS. MARION K. WACHHOLD, Assistant to the Secretary

STAFF

RALPH E. NELSON, Consulting Actuary

LEO J. REYNOLDS, Accounting Officer

STATE COMMISSION ON SCHOOL DISTRICTS

GILBERT H. JERTBERG, Chairman, Fresno
JOHN J. ALLEN, Jr., Oakland
ARTHUR S. CRITES, Bakersfield
EDWARD L. HARDY, San Diego
MRS. EDWARD SHEARER, Ventura
MRS. J. ROSCOE GRANGER, Redding
DAVID H. JONES, Auburn
ROY E. SIMPSON, Sacramento
WALTER WELLS, Los Angeles

STAFF

GEORGE H. GEYER, State Survey Director, 2722 L Street, Sacramento 16, California
RICHARD H. LEWIS, Assistant State Survey Director, 2722 L Street, Sacramento 16, California
RONALD W. COX, Regional Survey Director, Region III, P. O. Box N, Westwood, California
SCOVEL S. MAYO, Regional Survey Director, Region III, 2722 L Street, Sacramento 16, California
HAROLD B. ROBERTS, Regional Survey Director, Region IV, Room 400 Bank of America Building, Fulton and Tulare Streets, Fresno, California
ELMER H. STAFFELBACH, Regional Survey Director, Region I, Room 126, 45 North First Street, San Jose, California
LAWRENCE B. WHITE, Regional Survey Director, Regions II, and IV, 35 South Second Street, Alhambra, California

o